

Influenza Situation Report

2015-2016 Seasonal Influenza Week 41

(Oct 11 – Oct 17, 2015)

Marion County Public Health Department, IN 2015-10-23,

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Updates on Most Recent Local Activity: Current Week (Week 42, Oct 18 – Oct 24)

- The percent and count of influenza-like illness (ILI) for this current and incomplete week (Week 42) is 0.9% and 73, respectively.

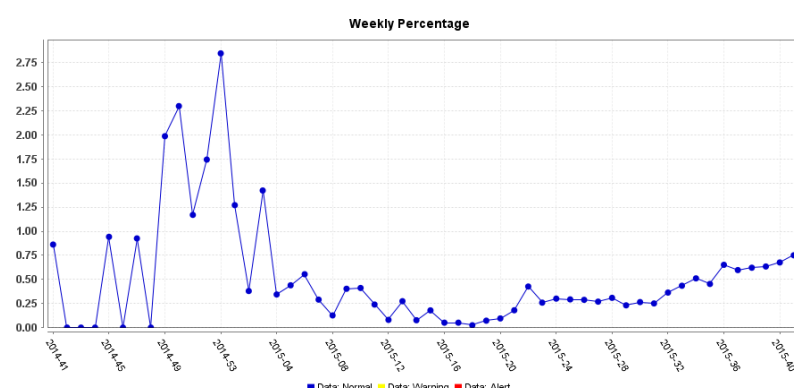
Local (Week 41)

http://www.mchd.com/FLU/Flu_edv.htm

- The percent and count of ED visits with a chief complaint of ILI is 0.8% and 86 of all ED visits, respectively.
- Children in the age range 0-4 have the highest age-specific percent ILI (3.2%), followed by children of age 5-17 (1.5%).

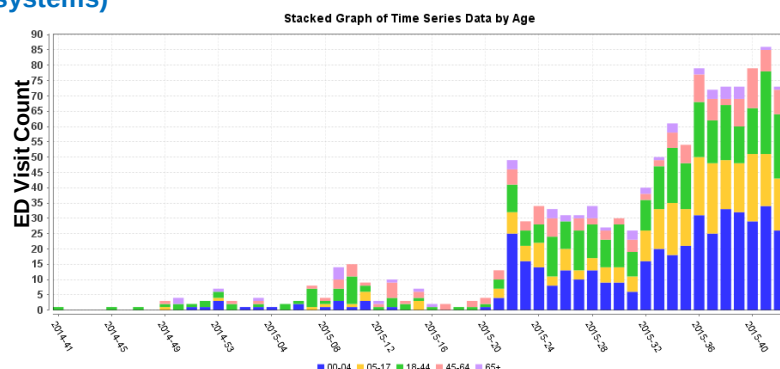
Emergency Department Visits for Influenza-Like Illness

Figure 1. Percent Influenza-like Illness of all Marion County Hospital ED Visits, Current Year



Data Source: ISDH Public Health Surveillance System, MCPHD Epidemiology

Figure 2. Weekly count of ILI ED Visits for Marion County Hospitals, by Age Group (Only includes currently contributing hospital systems)



Data Source: ISDH Public Health Surveillance System, MCPHD Epidemiology

Table 1. Age group specific percent of ILI ED Visits at Marion County Hospitals, by Age Group

Age Group (years)	Week 41 %ILI	Week 37-40 Average %ILI (Avg.)
<5	3.2%	2.7%
5-17	1.5%	1.4%
18-44	0.6%	0.3%
45-64	0.3%	0.3%
65+	0.1%	0.2%
Total	0.8%	0.6%

Figure 1 represents the percent of all ED visits that were categorized as ILI. The overall percent ILI for Week 41 is 0.8% (an increase from last week).

ILI visit means that the patient reported fever with cough or sore throat, or used the word "flu" to describe either their symptoms or their reason for the ED visit.

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Indiana (Week 41)

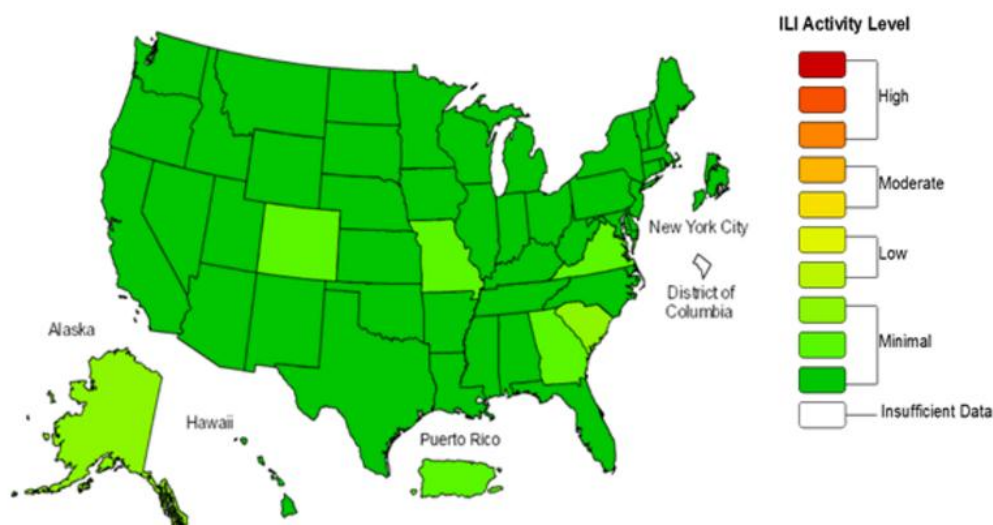
http://www.in.gov/isdh/files/Weekly_Influenza_Report-Week_41-2015-16.pdf

- Indiana is experiencing no activity or minimal influenza activity. For Week 41, ISDH reports 0.89% ILI at sentinel provider sites and 1.06% ILI ED visits. This is an increase in sentinel surveillance and an increase in ED surveillance compared to last week.
- No additional deaths have been reported in Indiana for Week 41. The total number of mortalities in Indiana this flu season is 0.
- For Week 41 and among samples tested at the state lab, 0 specimens tested positive for Influenza A/H3 seasonal virus; 0 specimen tested positive for Influenza B seasonal virus.

National (Week 41)

<http://www.cdc.gov/flu/weekly/>

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2015-16 Influenza Season Week 41 ending Oct 17, 2015



- During Week 41, the majority of states are reporting no activity or sporadic influenza activity by state and territorial epidemiologists. In addition, during Week 41, 1.4% of patient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)

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were due to influenza-like illness (ILI). This is a decrease from the previous week (Week 40=1.2%) and above the national baseline (2.1%).

- CDC reports 0 confirmed influenza-related pediatric deaths for Week 41. The season mortality remains at 0.
- "During May 24-September 30, 2015, CDC has characterized 225 influenza viruses [8 A (H1N1)pdm09, 155 A (H3N2), and 62 influenza B viruses] collected by U.S. laboratories. No characterization data is currently available for specimens collected after October 1, 2015."

RSV

- ProMED reports "In the Northern Hemisphere, influenza activity continued at low, inter-seasonal levels with sporadic detections. Increased respiratory syncytial virus (RSV) activity was reported in the United States of America (USA)." RSV produces symptoms that are very similar to influenza.